

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Khan et al.

**Serial No.:** 10/821,240

**Filed:** April 8, 2004

**For:** METHODS AND USES FOR  
PROTEIN BREAKDOWN PRODUCTS

**Confirmation No.:** 9732

**Examiner:** To be assigned

**Group Art Unit:** 1648

**Attorney Docket No.:** 3077-6384US

**NOTICE OF EXPRESS MAILING**

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
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P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).



Serial No.: 10/821,240

U.S. Patent Documents

U.S. Patent No.

US - 6,727,227

Publication Date

04-27-2004

Patentee

Khavinson

Foreign Patent Documents

Document No.

WO 01/29067

Publication Date

04-26-2001

Patentee

Obschestvo S Ogranichennoi

Otvetstvennostiju "Klinika

Instituta Bioregulyatsii I

Gerontologii"

Other Documents

IVANOV et al., "Hemoglobin as a Source of Endogenous Bioactive Peptides: The Concept of Tissue-Specific Peptide Pool," Biopolymers, 1997, pp. 171-188, Vol. 39.

KHAVINSON et al, Gerontological Aspects of Genome Peptide Regulation, 2005, S. Karger AG, Basel, Switzerland.

KHAVINSON et al., "Effects of Livagen Peptide on Chromatin Activation in Lymphocytes from Old People," Bulletin of Experimental Biology and Medicine, October 2002, pp. 389-392, Vol. 134, No. 4.

KHAVINSON et al., "Effects of Short Peptides on Lymphocyte Chromatin in Senile Subjects," Bulletin of Experimental Biology and Medicine, January 2004, pp. 78-81, Vol. 137, No. 1.

KHAVINSON et al., "Epithalon Peptide Induces Telomerase Activity and Telomere Elongation in Human Somatic Cells," Bulletin of Experimental Biology and Medicine, June 2003, pp. 590-592, Vol. 135, No. 6.

KHAVINSON et al., "Inductive Activity of Retinal Peptides," Bulletin of Experimental Biology and Medicine, November 2002, pp. 482-484, Vol. 134, No. 5.

KHAVINSON et al., "Mechanisms Underlying Geroprotective Effects of Peptides," Bulletin of Experimental Biology and Medicine, January 2002, pp. 1-5, Vol. 133, No. 1.

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KHAVINSON et al., "Peptide Promotes Overcoming of the Division Limit in Human Somatic Cell," Bulletin of Experimental Biology and Medicine, May 2004, pp. 503-506, Vol. 137, No. 5.

MOROZOV et al., "Natural and Synthetic Thymic Peptides as Therapeutics for Immune Dysfunction," Int. J. Immunopharmac., 1997, pp. 501-505, Vol. 19, No. 9/10.

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, Applicants hereby identify the following listed copending applications naming a common inventor(s):

Attorney Docket No.: 2183-4799.1US  
Serial No.: 11/037,972  
Filed: 1/18/2005  
Title: IMMUNOREGULATOR

Attorney Docket No.: 3077-6418US  
Serial No.: 11/243,438  
Filed: 10/4/2005  
Title: COMPOSITIONS FOR MUCOSAL AND ORAL  
ADMINISTRATION COMPRISING HCG FRAGMENTS

Attorney Docket No.: 3077-6420.2US  
Serial No.: 11/249,541  
Filed: 10/13/2005  
Title: COMPOSITIONS CAPABLE OF REDUCING ELEVATED BLOOD  
UREA CONCENTRATION

Attorney Docket No.: 3077-7568US  
Serial No.: 11/286,571  
Filed: 11/23/2005  
Title: COMPOUNDS OF THERAPEUTIC VALUE IN THE TREATMENT  
OF MULTIPLE SCLEROSIS AND OTHER DISEASES  
WHEREIN FOAM CELLS ARE INVOLVED IN THE DISEASE  
ETIOLOGY

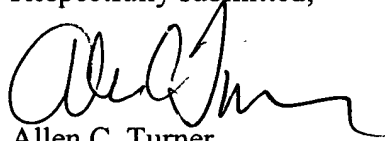
Serial No.: 10/821,240

Attorney Docket No.: 3077-7643US  
Serial No.: 11/346,450  
Filed: 2/2/2006  
Title: COMPOSITIONS CAPABLE OF REDUCING ELEVATED BLOOD  
UREA CONCENTRATION

Attorney Docket No.: 3077-7568.1US  
Serial No.: 11/346,761  
Filed: 2/3/2006  
Title: COMPOUNDS OF THERAPEUTIC VALUE IN THE TREATMENT  
OF MULTIPLE SCLEROSIS AND OTHER DISEASES  
WHEREIN FOAM CELLS ARE INVOLVED IN THE DISEASE  
ETIOLOGY

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits; therefore, no fee is due. If the Office determines that a fee is required, please charge TraskBritt Deposit Account No. 20-1469.

Respectfully submitted,

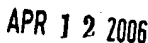


Allen C. Turner  
Registration No. 33,041  
Attorney for Applicants  
TRASKBRITT, P.C.  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: April 12, 2006  
ACT/alb

Enclosures: Form PTO/SB/08  
Copy of documents cited

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Approved for use through 10/31/2002, OMB 0651-0031

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Sheet	1	of	2
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**Complete if Known**

Application Number	10/821,240
Filing Date	April 8, 2004
First Named Inventor	Khan et al.
Group Art Unit	1648
Examiner Name	To be assigned
Attorney Docket Number	3077-6384US

[illegible][illegible]

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

**Complete if Known**

Application Number	10/821,240
Filing Date	April 8, 2004
First Named Inventor	Khan et al.
Group Art Unit	1648
Examiner Name	To be assigned
Attorney Docket Number	3077-63841JS

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		IVANOV et al., "Hemoglobin as a Source of Endogenous Bioactive Peptides: The Concept of Tissue-Specific Peptide Pool," Biopolymers, 1997, pp. 171-188, Vol. 39.	
		KHAVINSON et al, Gerontological Aspects of Genome Peptide Regulation, 2005, S. Karger AG, Basel, Switzerland.	
		KHAVINSON et al., "Effects of Livagen Peptide on Chromatin Activation in Lymphocytes from Old People," Bulletin of Experimental Biology and Medicine, October 2002, pp. 389-392, Vol. 134, No. 4.	
		KHAVINSON et al., "Effects of Short Peptides on Lymphocyte Chromatin in Senile Subjects," Bulletin of Experimental Biology and Medicine, January 2004, pp. 78-81, Vol. 137, No. 1.	
		KHAVINSON et al., "Epithalon Peptide Induces Telomerase Activity and Telomere Elongation in Human Somatic Cells," Bulletin of Experimental Biology and Medicine, June 2003, pp. 590-592, Vol. 135, No. 6.	
		KHAVINSON et al., "Inductive Activity of Retinal Peptides," Bulletin of Experimental Biology and Medicine, November 2002, pp. 482-484, Vol. 134, No. 5.	
		KHAVINSON et al., "Mechanisms Underlying Geroprotective Effects of Peptides," Bulletin of Experimental Biology and Medicine, January 2002, pp. 1-5, Vol. 133, No. 1.	
		KHAVINSON et al., "Peptide Promotes Overcoming of the Division Limit in Human Somatic Cell," Bulletin of Experimental Biology and Medicine, May 2004, pp. 503-506, Vol. 137, No. 5.	
		MOROZOV et al., "Natural and Synthetic Thymic Peptides as Therapeutics for Immune Dysfunction," Int. J. Immunopharmac., 1997, pp. 501-505, Vol. 19, No. 9/10.	

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SignatureDate  
Considered

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<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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